

light source 10 are combined. In an alternative exemplary embodiment, the dot 16 can also be moved in a meandering form over the printing plate 18 as follows: first, a complete image-forming process is performed along a line parallel to the axis of symmetry 110 of the cylinder 18 and then a stepwise rotation about the axis of symmetry of 110 of the cylinder 18 is performed. --

In the Claims:

Cancel claims 2 and 3.

claim 1 (amended). A device for forming an image on a printing plate, comprising:

at least one semiconductor laser being operated in multimode, being mode coupled and emitting laser radiation having ultra-short pulses with a duration of less than 1 ns; and

an optical system for forming an image of the radiation from the laser on the printing plate.

claim 12 (amended). A printing unit, having at least one device for forming an image on a printing plate, comprising:

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at least one semiconductor laser being operated in multimode, being mode coupled and emitting laser radiation having ultra-short pulses with a duration of less than 1 ns; and

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an optical system for forming an image of the radiation from the laser on the printing plate.

claim 13 (amended). A printing machine having at least one printing unit, comprising:

at least one semiconductor laser being operated in multimode, being mode coupled and emitting laser radiation having ultra-short pulses with a duration of less than 1 ns; and

an optical system for forming an image of the radiation from the laser on the printing plate.

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